Churchill Community High School & Royal Oak Continuing Education

707 Girard
Royal Oak, Michigan 48073

Course Catalog, 2022-2023 School Year

CONTENTS

This course catalog is a description of courses that are Board approved. Depending on availability and enrollment, courses may or may not be offered yearly.

NOTICE OF NONDISCRIMINATION

The School District of the City of Royal Oak does not discriminate on the basis of race, color, and national origin, gender, age, disability, height, weight, religion or marital status in its program and activities. The following people have been designated to handle inquiries regarding the nondiscrimination policies:

Inquiries related to discrimination on the basis of disability should be directed to:
Ericka Watson - Ericka is Special Ed Director and Section 504 Coordinator, 800 DeVillen, Royal Oak, MI 48073, (248)435-8400, Ext. 1212.

Inquiries related to discrimination on the basis of gender should be directed to the attention of:
Title IX Coordinator, 800 DeVillen, Royal Oak, MI 48073, (248)435-8400, Ext. 1209.

Inquiries related to discrimination on the basis of race, color, national origin or age should be directed to the attention of:
Age Discrimination Coordinator, Title VI Coordinator, 800 DeVillen, Royal Oak, MI 48073, (248)435-8400, Ext. 1209.

DIPLOMA POLICY INFORMATION

The function of a comprehensive high school is to provide all pupils with experiences that challenge and encourage them to work to the limit of their capacities toward their cultural development and career goals with satisfaction and success.

DIPLOMA REQUIREMENTS

To earn a diploma a student must have at least 22 credits. Diploma policy and courses required are on page 4.

Each class is worth a ½ credit = 1 term (6 weeks), 1 credit = 2 terms (12 weeks). A full year = 6 terms, students can earn up to 9 credits in a full year

A Royal Oak Graduate:

- Communicates effectively
- Uses creativity and critical thinking to identify and solve problems
- Effectively accesses information and applies knowledge
- Works and learns cooperatively, independently, and with integrity
- Applies positive interpersonal and social skills
- Sets goals and makes informed decisions for healthful, responsible living
- Demonstrates multi-cultural and aesthetic awareness

Note that a number of courses will meet requirements in more than one area of study; this is meant to provide flexibility in planning a course of study.

DIPLOMA POLICY

ENGLISH - 4 credits required including, 3.5 credits of required Reading and Writing and .5 additional credits from the English Department.

HUMANITIES/SOCIAL STUDIES - 3 credits required including, 1 credit of US History, .5 credit of American Government, .5 credits of Economics, 1 credit of World History.

MATH - 4 credits required including, 1 credit of Algebra 1, 1 credit of Geometry, 1 credit of Algebra 2, 1 additional credit, Math or Math related. Please note: one math course must be taken during the final year of high school. Completion of a formal career technical education program may be substituted for the fourth math related credit. "**M" indicates a math related course.**

SCIENCE - 3 credits required including 1 credit of Biology, 1 credit of Chemistry, Physics, or Physical Science and 1 additional Science or Science related credit. Completion of a formal career technical education program may be substituted for the third science credit. "**S" indicates a Science related course.**

WORLD LANGUAGE - 1-2 credits required in Spanish or French. One credit of a world language course must be completed, then a formal Career Technical Education program or 1 credits of additional coursework in visual or performing arts may be substituted for the second World language credit.

PHYSICAL EDUCATION/HEALTH - 1 credit required, including .5 credit Physical Education and .5 credit Health.

VISUAL, PERFORMING, APPLIED ARTS - 1 credit required from selected courses in Fine Arts, Music, English, and/or Business and Technology Departments. "**V" indicates a Visual, Performing and Applied Arts course.**

ELECTIVES - A Minimum of 4 credits are required from any departments, including, Art, Music, Technology, Business, Medical Skills, or additional Math, Science, English, Humanities/Social Studies, World language, OSTC Career programs, qualifying Co-op job, or dual-enrollment community college classes.

TOTAL CREDITS REQUIRED - 22 Credits

Note: Students will earn .5 credits for each of their 3 classes each term (6 weeks), which will equal 4.5 in half a school year and a total of 9 for the year.

If you have further questions please use the following link:

MDE- Michigan Merit Curriculum & Graduation Requirements

AREAS OF STUDY/DIPLOMA INFORMATION

CREDITS AND GRADES

The courses listed in this catalog describe the basic school curriculum. Most courses outlined provide 0.5 credit for each term of successful work. Credits transferred from the continuing education or other school programs will be evaluated by the high school principal to determine credit allowance.

EXTENDED CREDIT

Under guidelines established and approved by the principal and the Department of Instruction, students may also earn ½ unit of extended credit for work in specified areas. Applications for extended credit are available in the office. Applications must be completed before the start of the work period.

Extended credit may be earned in the following areas:

- Volunteer Service - ½ credit per year - 9 months and 160 hours minimum.
- Community Service - ½ credit per semester - 9 months and 160 hours minimum.
- Teacher selection and approval before the beginning of the term for a teacher directed project or community service
- Extended Work Credit - ½ credit per year - 9 months and 300 hours minimum.

PERSONAL CURRICULUM

The Royal Oak Schools Board of Education recognizes the importance of maintaining a rigorous, relevant curriculum for all students. The awarding of a diploma should be a meaningful achievement which signifies that a student has demonstrated proficiency in the Michigan Merit Curriculum (MMC) as established by the Michigan Department of Education (MDE).

The Board also recognizes that the State of Michigan allows exceptions to the MMC requirements through a process known as a Personal Curriculum (PC).

The PC is a process to modify specific credit requirements and/or content expectations based on the individual learning needs of a student. It is designed to serve students who want to accelerate or go beyond the MMC requirements and students who need to individualize learning requirements to meet the MMC requirements.

These procedures were developed to help students and parents understand when it may be appropriate to use a PC option to modify the MMC requirements. Students and/or parents may propose a PC in the following circumstances:

- To go beyond the academic credit requirements by adding more math, science, English language arts, or world languages credits.
- To modify the mathematics requirement.

- To modify, if necessary, the credit requirements of a student with an Individualized Education Plan (IEP).
- To modify credit requirements for a student who transfers from out of state or from a nonpublic school and is unable to meet the MMC requirements.

While every request to modify a student's graduation requirements should be considered, the administration may deny a PC request if:

- The request does not comply with state statute.
- Other options for meeting the student's educational needs have not been documented.
- It is not in the best interest of the student.
- The members of the PC development team cannot reach an agreement.

Parameters for Personal Curriculum (PC) Modifications

State law requires that a PC incorporate as much of the subject area content expectations as is practicable for the student. The PC must be aligned to the student's Educational Development Plan. The PC must also include measurable goals regarding what the student must achieve while in high school. Revisions are made in the same manner as the original PC.

The following parameters guide the development of a PC Plan related to the MMC:

Subject Area Credit Requirements	Personal Curriculum Modifications
4 English Language Arts (ELA) Credits ● All credits aligned to state content expectations	● No modification except for students with an Individualized Education Program (IEP) and for transfer students who have completed 2 years of high school
4 Mathematics Credits ● 3 credits aligned with the required state content expectations ● 1 math or math-related credit (not required to be aligned with state content expectations) ● 1 math or math-related course required in the final year which could include any of the 4 credits described above or may be an additional district credit	● 1 credit of Algebra II may be modified to ½ credit Algebra II, statistics, or functions and data analysis. Must complete at least 1 math credit during his or her final 2 years of school. ● Additional modifications allowed for students with an IEP and transfer students who have completed 2 years of high school
3 Science Credits ● All credits aligned to state content expectations	● No modification except for students with an IEP and transfer students who have completed 2 years of high school
3 Social Studies Credits	● No modification of Civics ● Minimum of 2 social studies credits prior to

● ½ Civics credit ● All credits aligned to state content expectations	modification ● 1 social studies credit (other than Civics) can be exchanged for an additional English language arts, math, science, world languages credit, or a CTE program ● Additional modifications allowed for students with an IEP and transfer students who have completed 2 years of high school
1 Physical Education and Health Credit by ● Credit aligned to state guidelines	● Credit can be exchanged for an additional English language arts, math, science, world languages credit, or a CTE program ● Additional modifications allowed for students with an IEP and transfer students who have completed 2 years of high school
1 Visual, Performing, and Applied Arts Credit ● Credit aligned to state guidelines	● Credit can be exchanged for an additional English language arts, math, science, world languages credit, or a CTE program ● Additional modifications allowed for students with an IEP and transfer students who have completed 2 years of high school
2 World Language Credits ● Credits earned in grades 9-12 or an equivalent learning experience in grades K-12 ● Credits aligned to state guidelines	● Modifications are available for students with an IEP ● 1 World Language credit can be approved with an approved CTE course
Online Learning Experience ● Online course, learning experience, or experience is	● No modification except for students with an IEP and transfer students who have completed 2 years of high school

Personal curriculum forms may be accessed

Public Act 141 allows modifications to credits through a personal curriculum. These modifications are very limited. Please speak with your Principal if interested in looking into a Personal Curriculum.

DUAL ENROLLMENT

Historically, school districts have allowed their students to attend courses at local colleges, universities or accredited vocational schools in addition to their own high school, in an effort to meet students' needs and interests. This is called "dual enrollment."

The State School Aid Act contains a provision to assist students in paying tuition and fees for courses at Michigan public or private colleges or universities. Please see your counselor for

further details and application. Application form for Dual Enrollment can also be located in the back of the catalog.

If you have further questions please use the following link:

MDE: Postsecondary Dual Enrollment Options

OAKLAND SCHOOLS TECHNICAL CAMPUS SOUTHEAST

Oakland Schools Technical Campus Southeast is an extension of your high school. By attending your high school half of the day and the Southeast Campus the other half of the day, you are experiencing a full academic day. Our educational and training opportunities are structured with offerings we call clusters. We offer eight clusters, which are developed around broad occupation areas containing many different, but related career training options for students. A team of specialized instructors possessing both a Michigan teaching Certificate and Vocational Authorization, staffs these clusters. This ensures that instructors have both the necessary technical expertise and the knowledge of best instructional methodology practices. These instructional teams are either supported by, or include academic staff. Additionally, the clusters are designed to facilitate learning, not just deliver a sequence of instruction. This allows the student to better manage their instructional plan, work cooperatively with other students, and progress at their own pace. Clusters allow us to provide the highest level of curriculum, meet the needs of a diverse population of students, and maintain the highest level of quality possible. Clusters are designed to provide students with instruction for up to two years.

Student Transportation
Students may choose the bus services provided by their sending school district or provide their own transportation. Students who elect to drive or ride (with another student) assume all responsibilities connected with transportation.

Credit
Oakland Schools Technical Campus Southeast will recommend high school credit for students based on the local district requirement (generally 1.5 elective credits per semester) upon successful completion of the cluster requirements. Part of this credit may be utilized to fill academic requirements, depending on the cluster selected and home school approval. Also, an additional .5 academic credit is available in all clusters. Math and Science curriculum are based on the Michigan High School Content Expectations may be embedded within specific clusters. Please see the enclosed curriculum matrix to determine technical/academic links. In addition, the student may elect to participate in 12th grade English, Biology, Physics or Algebra 2 “pull-out” classes. State based assessments will be given to determine the awarding of all additional credit. More information is available at www.oakland.k12.mi.us. Click on the “Departments” tab; go to Career Focused Education, then “Curriculum.” Students who need academic credit should meet with their home school counselor to determine if their required academics are aligned with their specific cluster. Articulated and direct credits for college courses may be available based on agreements with many post secondary institutions. Credit

awards for students will be based on student achievement and the agreement with the particular college or university.

Career and Technical Opportunities
Employer training opportunities (paid and unpaid) are available through the technical campuses to students who meet qualification requirements, including: interest, technical knowledge and skills, attendance, and behavior.

Paid Opportunities	*Unpaid Opportunities*
Field experience	Job shadowing
Internship	On-the-job training (OJT)
School-to-registered apprenticeship	Mentorship

OSTC COURSE OFFERINGS

Oakland Schools Technical Campus opportunities are designed to provide the student the experience of preparing for a career. However, no guarantee of employment is promised either during the course of study or at the time of completion.

Agriscience and Environmental Technology

This program is designed to prepare students with the skills necessary to successfully enter one or more of the following career areas:

- Animal Systems
- Environmental Systems
- Agri Business and Marketing
- Plant Systems

Agribusiness and marketing skills, customer service, and biotechnology are provided as a significant portion of all curriculum areas. Technology is an important component of the curriculum in the areas of aquaculture, hydroponics, tissue culture, and data transmission networking (meteorology, commodities and futures trading). The curriculum also includes greenhouse, organic garden, landscape management, schoolyard wildlife habitat, rain forest, animal laboratory, floristry, poultry habitat, and small business management.
Math and Science credit available

Information Technology, Entrepreneurship, Advances Market (iTeam)

Acquire business and industry certifications as well as advanced placement and direct college credits. Participate in Microsoft IT Academy, Certified Internet Webmasters partnership, and earn a master certificate in Microsoft Office. Develop oral and written communications, problem-solving and critical thinking skills, career preparation, leadership and teamwork skills.

Attend this nationally-recognized cluster to prepare for different career opportunities in the following areas:

- Business Management and Ownership
- Web Development and Design
- Database Administration and Programming

- Network Administration, PC Support

Math credit available

Construction Technology

Hands on program that prepares you with skills to enter post-secondary training such as apprenticeships, community colleges, universities or move directly into employment opportunities. Your field experience will include:

- Building Maintenance
- Carpentry/Masonry
- Construction Management
- Electrical
- Green Building Standards
- Heating Ventilation Air Conditioning and Refrigeration (HVACR)
- Home Repair
- Interior/Exterior Finishing
- Plumbing

Opportunities to earn math credit and develop effective interpersonal skills in problem- solving, communication, and team building.

Math credit available

Culinary Arts/Hospitality

Prepare for a broad background of skills and knowledge in culinary arts/hospitality, using industry equipment and technology. Learn to be productive, effective and professional in a modern commercial kitchen by learning:

- Cooking Methods
- Food and Beverage Service
- Baking
- Menu Design
- Staffing and Scheduling
- Food Preparation
- Financial Management

Math credit available

Engineering/Emerging Technologies

Learn high-tech engineering technology, through a variety of instructional methods and self-paced competency-based modules. Instructional activities include virtual stimulation, computerized control systems, CNC machining, metrology, and electronic controls, rapid prototyping and alternative energies. Participate in an intensive, hands-on program that prepares you with skills to enter post-secondary institutions or move directly into employment opportunities. Discover advanced technologies such as:

- Automated Material Handling (Robotics)
- Computer Numeric Controls (CNC)
- Design and Engineering
- Design Processes (CAD)
- Electricity/Electronics
- Fluid Power (Hydraulics/Pneumatics)
- Machining/Mechanical
- Quality Assurance/Testing
- Welding/Fabrication

Math and Science credit available

Health Science

Prepare for an exciting health career. This is a one or two year program that provides you with a combination of classroom instruction and clinical experiences. Attain core foundation skills, in safety, anatomy and physiology, asepsis, ethics, medical terminology, and office management and much more. Prepare for health careers in the following areas:

- Dental Assistant
- Medical Assistant
- Certified Nursing Assistant
- Registered Nurse
- Medical Records Assistant
- Pharmacy Technician
- Physical Therapy Aide
- Sports Medicine Trainer
- Paramedic/EMT

Math and Science credit available

Transportation Technology

Participate in an intensive, hands-on program that will prepare you to enter various transportation careers such as:

- Automotive technology
- Collision Repair
- Light/Medium/Heavy Truck and Equipment
- Power Equipment

Gain competency in two-stroke and four-stroke engine theory; diagnosis and troubleshooting; engine performance; electricity and electronics; collision repair and refinishing; power equipment operation; laboratory orientation; marine/motorcycle service and repair; precision measuring; and use of pneumatic and hydraulic tools and equipment. Learn within a National Automotive Technicians Education Foundation (NATEF) certified facility and be taught by a nationally recognized International Conference of Automotive Repair (I-CAR) and Automotive Service Excellence (ASE) certified instructor.

Math credit available

Visual Imaging Technology

Acquire advanced instruction and intensive, hands-on learning in visual imaging technology through academics, technical and workplace skills. Gain technical skills in:

- Audio/Video Production and Film
- Design and Visual Arts
- Graphic Communication
- Interactive Media/Design

Math credit available

Cosmetology

Oakland Schools Technical Campus Northeast students are required to provide their own transportation.

Successful completion of the Cosmetology program allows the student to apply for state licensing exams (requires post-secondary attendance). This course includes extensive hands-on instruction using an advanced integrated curriculum in academics, technical, and

workplace skills. Core skills include entrepreneurship, salon ecology, safety and electricity, general anatomy, and chemistry. Technical skills include hair care and treatments, esthetics, nail technology, hair cutting and hair coloring.
Additional academic credits may be earned.

Want to learn more about OSTC?
Visit www.OSTConline.com
Or call the Southeast Campus at 248.288.4020

CAREER AND TECHNICAL EDUCATION (CTE)

What are the Six Career Pathways? Is this Career Pathway for You?

Arts and Communication:
Careers in this pathway are related to humanities and performing, visual literacy and media arts. These include; architecture, graphic, interior and fashion design, writing, film, fine arts, journalism, languages, media, advertising, and public relations.

Business, Management, Marketing and Technology:
Careers in this pathway are related to the business environment. These include; entrepreneurship, sales, marketing, computer/information systems, finance, accounting, personnel, economics, and management.

Engineering/Manufacturing and Industrial Technology:
Careers in this pathway are related to technologies necessary to design, develop, install, and maintain physical systems. These include engineering, manufacturing, construction, service and related technologies.

Health Sciences:
Careers in the pathway are related to technologies necessary to design, develop, install, and maintain physical systems. These include engineering, manufacturing, construction, service and related technologies.

Careers in the pathway are related to technologies necessary to design, develop, install, and maintain physical systems. These include engineering, manufacturing, construction, service and related technologies.

Human Services:
Careers in this pathway are related to economic, political and social systems,. These include education, government, law and law enforcement, leisure and recreation, military, religion, childcare, social services and personal services.

Natural Resources and Agriscience:
Careers in this pathway are related to agriculture, the environment and natural resources. These include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture and wildlife.

Are you a creative thinker? Are you imaginative, innovative and original? Do you like to communicate ideas? Do you like making crafts, drawing, playing a musical instrument, taking photos or writing stories? This may be the career pathway for you!

Do you enjoy being a leader, organizing people, planning activities and talking? Do you like to work with numbers or ideas? Do you enjoy carrying through with an idea and seeing the end product? Do you like things neat and orderly? Would you enjoy balancing a checkbook, following the stock market, holding an office in a club, and surfing the Internet? This may be the career pathway for you!

Are you mechanically inclined and practical? Do you like reading diagrams and blueprints, and drawing building structures? Are you curious about how things work? Would you enjoy painting a house, repairing cars, and writing

electrical circuits or woodworking? This may be the career pathway for you!

Do you like to care for people or animals that are sick or help them stay well? Are you interested in diseases and in how the body works? Do you enjoy reading about science and medicine? Would it be fun to learn first aid, volunteer at a hospital or veterinary clinic? This may be you career pathway!

Are you a friendly, open, understanding and cooperative? Do you like to work with people to solve problems? Is it important to you to do something that makes things better for other people? Do you like to help friends with family problems? Do you like reading, storytelling, traveling or tutoring young children? This could be your career pathway!

Are you a nature lover? Are you practical, curious about the physical world, and interested in plants and animals? Do you enjoy hunting or fishing? Do you like to garden or mow the lawn? Are you interested in protecting the environment? This could be your career pathway.

GRIEVANCE PROCEDURES FOR DISCRIMINATION: TITLE VI, TITLE VII, TITLE IX and SECTION 504

If any person believes that Royal Oak Schools or any part of the school organization has inadequately applied the principles and/or regulations of Title VI, Title VII, Title IX or Section 504 or is in some way discriminatory on the basis of gender, race, color, age, disability, or national origin, he/she may bring forward a complaint to the Board Office at the following address: 800 Devillen, Royal Oak, MI 48073.

Informal Procedure:
The person who believes he/she has a valid basis for complaint shall discuss the concern with the District's Title VI, Title VII, Title IX or Section 504 coordinator, who shall in turn investigate the complaint and reply to the complaint in writing within five (5) business days. If this reply is not acceptable to the complainant, he/she may initiate formal procedures according to the steps listed below.

Formal Grievance Procedure:

Step 1: A written statement of grievance shall be prepared by the complainant and signed. This grievance shall be prepared to the District's Title VI, Title VII, Title IX, or Section 504 Coordinator within five (5) business days of the receipt at the written reply to the informal complaint. The coordinator shall further investigate the matter of the grievance and reply in writing to the complainant within five (5) business days by certified mail.

Step 2: If the complainant wishes to appeal the decision of the District's Title VI, Title VII, Title IX or Section 504 coordinator, he/she may submit a signed statement of appeal to the Superintendent of designee within five (5) business days after receipt of the District coordinator's response to the grievance. The Superintendent or designee shall meet with all parties involved, formulate a conclusion, and respond in writing to the grievance within ten (10) business days by certified mail.

Step 3: If the complainant remains unsatisfied, he/she may appeal through a signed, written statement to the Board of Education within five (5) business days of his/her receipt of the Superintendent or designee's response in Step 2. In an attempt to resolve the grievance, the Board of Education shall meet with the concerned parties and their representative within fifteen (15) business days or at the next scheduled Board meeting, following the receipt of such an appeal. The Board Secretary shall send a copy of the Board's disposition of the appeal to each concerned party within ten (10) business days of this meeting by certified mail.

Step 4: If at this point the grievance has not been satisfactorily settled, further appeal may be made to the Office for Civil Rights, U.S. Department of Education, Washington D.C. 20201.

TESTING OUT

The Board of Education will provide Royal Oak High School students the opportunity to test out of a class. Please refer to policy #2370.03A on the Royal Oak Schools website and the State of Michigan website for additional information. Please note: Students that score at mastery level and test out of a class will receive a "G" grade for that course; meaning passing, no grade.

GUIDELINES FOR STUDENT SCHEDULING

1 . All students must be scheduled and in attendance for a minimum of 3 classes each term.

2. The maximum number of classes a student will be scheduled for in a regular day school program is six, including Oakland Schools Technical Campus Southeast and School-To-Career programs. Additional credits may be earned through dual enrollment, night school programs, or extended credit. The principal must approve exceptions.

3. Extended credit/work experience may not be counted as part of the five-hour daily minimum requirement. These credits must be pre-approved and monitored by a staff member.

CLASSES

CHURCHILL COMMUNITY HIGH SCHOOL/ROYAL OAK CONTINUING EDUCATION

(Adult Education, Churchill Community High School, ESL, GED Prep)

ENGLISH

ADVANCED WRITING 1 & 2 CCHS/ROCE

This course will further develop writing skills using Alfred Hitchcock and selected classic films. There will be class discussion on the history, storyline and character development, followed by essay questions.

BASIC COMMUNICATION SKILLS CCHS/ROCE
This course provides an overview of the basic concepts of communication and the skills necessary to communicate in various contexts. Emphasis is placed on communication theories and techniques used in interpersonal group, public, intercultural, and mass communication situations. Upon completion, students should be able to explain and illustrate the forms and purposes of human communication in a variety of contexts.

ENGLISH LANGUAGE ARTS 9 - 1 & 2 CCHS/ROCE
In this course, students will explore the concept of identity. Using a variety of texts and other communication media, students will analyze themes, writing techniques, and persuasive strategies. Each student will develop his or her own voice in various modes of communication, including creative writing, essays, and oral presentations. Emphasis will be placed on the writing process, conventions of the English language, and using technology to enhance communication.

ENGLISH LANGUAGE ARTS 10 – 1 & 2 CCHS/ROCE
In this course, students will explore cultural perspectives in American Literature. Each student will analyze a variety of texts, develop his or her own voice, and improve communication skills involving reading, writing, speaking and listening. Emphasis will be placed on the writing process, conventions of the English language and using technology to enhance communication. Students will synthesize their classroom and personal experiences formally through the research process environment.

ENGLISH LANGUAGE ARTS 11 – 1 & 2 CCHS/ROCE
In this course, students will continue to build a solid foundation of knowledge, skills and strategies that will be refined, applied and extended as students engage in more complex ideas, texts and tasks. In English Language Arts 11, students will add to the list of various classic and contemporary narrative and informative texts that will be read and analyzed throughout high school with a special focus on British and World Literature and ACT success. Eleventh graders will connect with and respond to texts through transformational thinking. They will learn to use forward thinking to help them make better decisions, to generate new ideas for solving problems, and to find wisdom. They will build a context for change in their lives and develop realistic plans for the future.

ENGLISH LANGUAGE ARTS 12 1 & 2 CCHS/ROCE
In this course, students will refine, apply and extend the solid foundation of knowledge, skills and strategies developed in English Language Arts 9-11. Using the lens of leadership skills, English Language Arts 12 students will develop a world perspective by analyzing classic and contemporary texts in a variety of genre including post-colonial literature. Twelfth graders will

synthesize information, ideas and themes to understand the past, present and to think innovatively about the future. They will identify and apply their own leadership skills and prepare for responsible action as American citizens in the context of global world.

IMAGINATIVE WRITING 1 & 2 CCHS/ROCE
In this course, students will develop their skills in creative writing. This course will include the writing of poetry, description, narration, drama and humor. Students will write daily and are expected to share their writings for various purposes.

INTRODUCTION TO COMPOSITION AND GRAMMAR CCHS/ROCE
Students review the 8 parts of speech using worksheets. Packets are completed individually, with partners, and as a class. Final group project is to create a grammar board game.

Eight kinds of writing: short story, biography, information reports, observational writing, problem solving, cause and effect, evaluation and autobiography. Students have a writing prompt, graphic organizer, and final draft checklist for each section

INTRODUCTORY COMPOSITION 1 & 2 CCHS/ROCE
This course provides balanced writing instruction for students whose skills are below grade level. It is designed to prepare students for the writing demands of high school and prepare them for the Michigan Merit Exam (MME).

LINGUISTICS/READING 1 & 2 CCHS/ROCE
This course provides balanced reading instruction to students who are reading below grade level. Instruction includes phonemic awareness, vocabulary enrichment, and reading fluency. As a result of taking the class students will demonstrate improved reading skills and advance both their reading levels and fluency.

LINGUISTICS/READING 3 & 4 CCHS/ROCE
This is the second course in the study and meaning of natural language. Students are expected to apply the structured language concepts and strategies taught in Linguistics 1 & 2. The strands within the course curriculum include reading novels and short stories, using the process of decoding and encoding phonetic and non-phonetic words within the written text, applying the principles of writing compositions, and reading expository and narrative genre. Other strands included in this course are orthography, semantic relationships, figurative language, morphology, syntax through sentence structure, and the reading of passages for meaning through the various levels of Bloom's Taxonomy.

LITERATURE AND COMPOSITION 1 & 2 CCHS/ROCE
This offering serves as a foundation course for 11th Grade students in need of enhanced literature and composition skills. Students in this class will work on fundamental skills in reading, writing and grammar for academic growth. Students will also practice these skills for preparation for the English Language Arts MME/SAT testing. Students recommended for this

class should be identified by staff as needing additional remediation in basic language arts skills. This class may be taken more than once based on the literature covered.

POETRY CCHS/ROCE
Students will read a variety of poetry – from classical to contemporary – and survey poetic techniques, styles, and forms. Students will experience writing their own poetry. They will analyze and critique poetry from the masters and from their peers orally and through writing. The course will include activities in pre-writing, revising, and publishing of poetry, as well as listening activities.

READING SKILLS ROCE
Reading Skills provides academically appropriate material for students who test below the 9th grade reading level. This course encourages self-motivation and self-directed learning by providing students with the instruction and support needed for independent learning tasks used in reading. Students use cross-textual interpretations in order to assess multiple texts on various topics. Students also learn to make informed decisions based upon individual interpretations. These different aspects of reading instruction are integrated in a way that will increase overall achievement. Students will additionally learn to enhance their note-taking and vocabulary skills.

RESEARCH WRITING 1 CCHS/ROCE
Overview of fifty states.
Students select a state to research. Outline includes topography, government, people, symbols, timeline, famous people, visitors guide, pictures and presentation.

Short biography of each President.
Students select a president. Research paper includes early life, education, military, political life, administration, vice-president, historical events, before, during and after presidency, affect President had on U.S. history. Presentation.

SPEECH CCHS/ROCE
Grade Level: 10-12
This course introduces students to a variety of practical speaking experiences and provides opportunities for students to improve their speech preparation and delivery skills. It includes instruction and practice in pre-speaking activities (audience analysis, research, note taking, outlining), speaking activities, interviews, group discussion and problem solving, impromptu and extemporaneous speaking, informative and persuasive speeches and listening activity.

WRITING IN THE WORKPLACE CCHS/ROCE
This class focuses on the writing process and utilizes a variety of business writing categories including: memorandums, e-mail usage and etiquette, reports, and letter style formats. Other writing concepts are also emphasized, such as: resumes, cover letters, and persuasive writing. Also covered in the class are learning styles and the college and scholarship application

processes. Basic outlining and organizational concepts are addressed. Additionally, emphasis is given to improving proofreading, grammar, and vocabulary skills.

MATHEMATICS

ALGEBRA 1 A CCHS/ROCE
This teacher lead class covers graphing points on a coordinate plane, finding the slope between two points, graphing lines using a table of points, graphing a line using the slope and y-intercept, working with the equation of a line, properties of equations of lines that are parallel and perpendicular, solving systems of equations by graphing, checking solutions to systems of equations by plugging in values, graphing linear inequalities, determining whether coordinate pairs are solutions to systems of inequalities.

ALGEBRA 1 B CCHS/ROCE
This teacher lead class covers determining whether a number is a solution to an equation, solving 1 step equations including ones with all variables, solving 2 step equations, solving equations with variables on both sides, adding like terms, using the distributive property, determining when equations that have no solution or an infinite number of solutions, properties of exponents and simplifying exponential expressions including negative exponents, roots, and the pythagorean theorem.

APPLIED GEOMETRY MATH CCHS
Students learn geometry concepts and skills and practice those skills by making projects. Skills include: Measuring using a ruler and protractor, using a compass to construct mathematical drawings, converting between units of measure, properties of regular polygons, triangle angle properties, properties of platonic solids, Euler's theorem.

BASIC MATH 1 CCHS/ROCE
This course is conducted on-line using e2020. In this course, the student will master part 1 of the Common Core standards for 6th grade math. This includes: Understanding Ratios and Rates, Applying Ratios and Rates, Multi-Digit Computation, Dividing Fractions, Percent, Extending the Number System, Cumulative Exam.

BASIC MATH 2 CCHS/ROCE
This course is conducted on-line using e2020. In this course, the student will master part 2 of the Common Core standards for 6th grade math. This includes: Relationships on the Coordinate Plane, Data Distributions and Analysis, Variables and Expressions, Equations and Inequalities, Area, Cumulative Exam.

BASIC MATH 3 CCHS/ROCE

This course is conducted on-line using e2020. In this course, the student will master part 1 of the Common Core standards for 7th grade math. This includes: Proportional Reasoning with Percents, Operations with Integers, Operations with Rational Numbers, Probability, Cumulative Exam.

BASIC MATH 4 CCHS/ROCE
This course is conducted on-line using e2020. In this course, the student will master part 2 of the Common Core standards for 7th grade math. This includes: Sampling and Comparing Populations, Expressions, Equations, Inequalities, Two-Dimensional Geometry, Cumulative Exam.

EXTENDED ADVANCED ALGEBRA 2 – PART 1 CCHS/ROCE
This class is conducted on-line using e2020. Students utilize video lectures and online tools to attain the skills required by the Michigan Core Curriculum. Achievement is demonstrated through quizzes, tests and an exam taken online. Topics covered include: Add and Subtract Polynomials, Multiply and Divide by a Monomial, Multiply Polynomials, Special Products, Divide Polynomials, Simplify Polynomial Expressions, The Greatest Common Factor, Factor Trinomials with Leading Coefficient of One, Factor Trinomials with a Leading Coefficient Other than One, Special Cases, Factoring Polynomials, Simplify Rational Expressions, Multiply and Divide Rational Expressions, Add and Subtract Rational Expressions with Like Denominators, Add and Subtract Rational Expressions with Unlike Denominators, Solve Rational Equations, Quadratic Equations in Standard Form, Intercepts and Zeros, Quadratic Equations in Vertex Form, Convert Between Standard and Vertex Form, Solve by Factoring, Radical Equations, Complete the Square, The Quadratic Formula, Irrational Roots.

EXTENDED ADVANCED ALGEBRA 2 – PART 2 CCHS/ROCE
This class is conducted on-line using e2020. Students utilize video lectures and online tools to attain the skills required by the Michigan Core Curriculum. Achievement is demonstrated through quizzes, tests and an exam taken online. Topics covered include: Introduction to Radicals, Simplify Radicals, Add and Subtract Radicals, Multiply Radicals, Divide Radicals, Pythagorean Theorem, Scatterplots, Measures of Central Tendency, Measures of Variation, Counting Methods, Combinations, Introduction to Probability, Probability with Combinations or Permutations, Arithmetic Sequences, Geometric Sequences, Direct and Inverse Variation, Exponential Functions, Growth and Decay, Parent Functions, Scale Factors, Shifts of Functions, Transformations of Functions, Piecewise Functions.

EXTENDED ADVANCED ALGEBRA 2 – PART 3 CCHS/ROCE
This class is conducted on-line using e2020. Students utilize video lectures and online tools to attain the skills required by the Michigan Core Curriculum. Achievement is demonstrated through quizzes, tests and an exam taken online. Topics covered include: Relations and Functions, Operations with Functions, Inverses of Functions, Special Functions, Vertical and Horizontal Translations, Solving Systems of Inequalities by Graphing, Linear Programming, Properties of Parabolas, The Quadratic Formula and the Discriminant, Quadratic Equations and

Complex Numbers, Analyzing Graphs of Quadratic Functions, Graphing Polynomial Functions, Solving Equations Using Quadratic Techniques, The Remainder and Factor Theorems, Roots and Zeros, Rational Zero Theorem, Exponential Functions, Exponential Growth and Decay, Logarithms and Logarithmic Functions, Properties of Logarithms, Common Logarithms, Natural and base e Logarithms, Solving Equations and Modeling

EXTENDED ADVANCED ALGEBRA 2 – PART 4 CCHS/ROCE
This class is conducted on-line using e2020. Students utilize video lectures and online tools to attain the skills required by the Michigan Core Curriculum. Achievement is demonstrated through quizzes, tests and an exam taken online. Topics covered include: Midpoint and Distance Formulas, Parabolas, Circles, Arithmetic Sequences, Arithmetic Series, Geometric Sequences, Geometric Series, Infinite Geometric Series, Pascal's Triangle, Binomial Theorem, The Fundamental Counting Principle, Permutations, Combinations, Probability, Multiplying Probabilities, Adding Probabilities, Measures of Central Tendency, The Normal Distribution, Standard Deviation, Sampling and Error, The Sine Function, The Cosine Function, The Tangent Function, Radian Measure and Arc Length, Translations of Trigonometric Graphs, Circular Functions, Trigonometric Identities.

GEOMETRY A CCHS/ROCE
Topics covered include: Measuring Length, Measuring Angles, Bisectors and Congruence, Five Basic Constructions, Deductive Reasoning Using Algebra, Deductive Reasoning Using Geometry, Proof Basics, Special Angle Pairs, Congruent Angle Pairs, Parallel Lines and Angles, Proving Lines Parallel, Properties of Triangles, Congruent Figures, Triangle Congruence: SAS, SSS, ASA, and AAS Theorem, Congruence in Right Triangles, Using Congruent Triangles: CPCTC, Classifying Quadrilaterals, Properties of Parallelograms, Proving a Quadrilateral is a Parallelogram, Special Parallelograms, Trapezoids and Kites.

GEOMETRY B CCHS/ROCE
Topics covered include: Ratio and Proportion, Similar Polygons, Similar Triangles, Special Segments and Proportions, Right Triangle Similarity, Pythagorean Theorem, Pythagorean Inequalities, Trigonometric Ratios, Properties of Polygons, Symmetry, Area and Perimeter of Geometric Figures, Area of Regular Polygons, Introduction to Circles, Surface Area of Solid Figures, Volume, Surface Area and Volume of Spheres.

MATH LAB – ROCE
Basic math course which works on rounding, addition, subtraction, multiplication, long division of whole numbers, fractions and decimals. Students are pre-tested to identify weakness in these skills and then assigned a study plan to work on those skills. Business math concepts such as cash flow, inventory management, and profit/loss may also be explored. Students also use IXL Math to diagnose skill deficiencies and practice recommended skills online in class or at home.

MATH TECHNOLOGY CCHS

This class covers mathematical topics in technology. Topics can include programming using variables, loops, if then statements..etc, Programming of robots, Designing and printing 3d models, experimenting with VR and AR. It covers concepts found in a section of Algebra 2.

PERSONAL MATH/FINANCIAL MATH 1, 2 & 3 CCHS/ROCE
Teacher-led classes cover topics related to everyday handling of money. Emphasis is on developing life-long skills in the understanding of financial options and choices available. Topics can include: Checking accounts, loans, credit cards, credit scores and reports, cars, taxes, insurance, investing, renting an apartment, paying bills, internet finances, retirement savings, social security,financial scams and health care. Not all topics are covered each time. Topics will vary with the time of year. This class can be taken more than once since the topics will be different.

SCIENCE

ASTRONOMY CCHS/ROCE
This course will cover topics found in the MDE High School Content Expectations under Standard E5: “The Earth in Space and Time”. These topics include the characteristics and motions of the Earth, moon, and other bodies in our solar system, solar processes and activity, and stellar evolution. Content will mainly be delivered through lecture, but students will be involved in conducting research, online activities, group activities and projects.

BIOLOGY 1 & 2 CCHS/ROCE
Biology is the study of life. This course is a presentation of classical and modern biological investigations. Lectures, discussions, and laboratories are used to familiarize the student with an understanding of cells, matter and energy, classification, life cycles, genetics, evolution and ecosystems. Biology is essential for all students interested in science or science-related careers.
This highly challenging, college prep course will earn a student a Michigan Merit Curriculum (MMC) Biology graduation credit, as well as the potential for taking advanced life sciences.

EARTH AND SPACE SCIENCE 1 & 2 CCHS/ROCE
Students will study the structure and active systems of the earth and how they relate to plate tectonics, as well as earthquakes and volcanoes. It will also address meteorology and hydrology. These topics will be covered through lectures, projects, plus inquiry-based experiments and activities. This course addresses Essential High School Content Expectations that are assessed on the Michigan Merit Exam.

ENVIRONMENTAL SCIENCE 1 CCHS/ROCE
Environmental Science is a lecture, discussion, and activities course for high school students. Students will learn the relationship between humans and both their living, and non-living environment. Students will investigate current, local environmental problems as well as state, national and international concerns.

PHYSICS 1 & 2 CCHS/ROCE
Physics is the study of Newtonian mechanics, including velocity, acceleration, force, momentum, and energy as well as waves, sound, optics, electricity and magnetism. These topics will be covered conceptually as well as mathematically through lectures, demonstrations, discussions and inquiry-based experimentation. Physics is essential for all students interested in science or science-related careers. This highly challenging, college prep course will earn a student a MMC Physics graduation credit. **M**

SCIENCE THROUGH CINEMA CCHS
Many movies deal with and use scientific ideas and concepts in their storytelling. This class will use hollywood movies as a springboard into scientific topics that students will then research and report on. This class will sharpen students' researching and writing skills, and expand their knowledge of scientific topics and current events. This class will cover topics pulled from both the Biology, and Earth Science portions of the Michigan Merit Curriculum. Therefore, it will qualify for a Science elective credit.

SCIENCE AND TECHNOLOGY CCHS
This class will study and utilize newer and more recent technological devices that are being used more and more by the general public, especially in the workplace. Some examples of technology currently include 3D printing, remotely piloted drones, and robotics. As more technology makes itself available for the classroom, it can be incorporated into the class. This class will expose students to technology that they may encounter in a future workplace. It will also address specific Science content expectations such as:
P1.2i Explain the progression of ideas and explanations that lead to science theories that are part of the current **scientific** consensus or **core knowledge**. (Nature of Science; Engineering, Technology, Applications of Science)
P1.2j Apply science principles or scientific data to anticipate effects of **technological design decisions**. (Engineering, Technology, Applications of Science)
P1.2k Analyze how **science and society** interact from a historical, political, economic, or social perspective. (Engineering, Technology, Applications of Science)
Because these content expectations are part of all four major science areas, but not specific to one, this class will count as a Science elective credit for graduation.

SOCIAL STUDIES

AFRICAN AMERICAN STUDIES CCHS
This course combines the US/WH standards from 8th-12th grade to teach US History and Civics standards in political/civic participation. This class can be an additional course offered in the Social Studies department or replace one US History section. Topics include: 1619-Present through African American experience, highlighting Colonial slavery, Pre/Post Civil War Slavery,

Abolition/Reconstruction, Great Migration, Harlem Renaissaunce, Detroit Local History, Civil Rights Unrest 1950-1960s, Political change, Industril Prison complex, War on Drugs, Wage/Income Gap, Police Brutality, and current event issues regarding race and equality.

ECONOMICS CCHS/ROCE
This course introduces students to basic economic principles. Students will investigate how economics work in their daily lives. They will learn how economics influence business, industry, and labor in America. They will discover the role economic principles play in the nation and the world. These topics are designed to give students practical knowledge and skills essential to making informed economic choices for themselves and society.

GOVERNMENT CCHS/ROCE
The purpose of this semester course in American Government is to provide students with an understanding of the background and recent functioning of the American federal system. Using a variety of primary and secondary sources, students will evaluate the purpose and effectiveness of our system of government. Through the analysis of important past decisions and current issues, students will prepare themselves for their role in society as informed responsible citizens.

MICHIGAN HISTORY CCHS
This is an additional course offered in the Social Studies Department. The focus of the topics will include: native Lands, Territorial Michigan, Statehood, State Government/Constitution, MI Upper Peninsula, MI in Civil War, Great Migration, MI in the 1900's, Manufacturing/Henry Ford, MI in the Great Depression (New Deal), MI in WWI/WWII, Suburbs (White Flight), Motown, Civil Rights (Race Riots of 67), Great Lakes Water Rights, Natural Resources, Economic Collapse of Housing/Auto Industry, Tech Boom, Governor Research Project, and Town/Local Research Project.

Modern World History CCHS
This term-long course examines the major events and turning points of world history from the Cold War to the present. Students investigate and test the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, and then explore the economic, political, and social revolutions that have transformed society in recent history. This study of modern history examines recurring themes, such as social history, democratic government, authoritarianism, and using primary source material to examine the relationship between historical trends and current events. This allows students to draw connections between the past and the present, across cultures, and among multiple perspectives.

PSYCHOLOGY CCHS/ROCE
These social science course involve students in the discovery of what makes people who they are. Emphasis is placed on better understanding personal behavior. This is accomplished by exploring such topics as motivation, altered states of consciousness, stress, personality, and abnormal behavior. Students will investigate their personal learning styles, develop techniques

for improving memory, and consider the importance of the choices they make. As active participants, students organize and interpret data, test hypotheses, and draw conclusions. Students will discuss, write, and use higher order thinking skills to learn how psychology improves the quality of their lives.

SOCIOLOGY CCHS/ROCE
Sociology is a one-semester course in which students will study the behavior and involvement of groups within society. The focus will analyze society, the impact it has on an individual, and the influence the individual has upon it. The study moves from the inception of sociology through the exploration of world cultures to relationships developed throughout life. The class will incorporate discussions, readings, simulations, and projects. Students will gain knowledge concerning the inner workings of society as well as the student's active participation within that society.

US HISTORY/GEOGRAPHY 1 & 2 CCHS/ROCE
This two-semester course involves students in the chronological study of the United States since 1877. Emphasis is placed on events, people, decisions, and issues that affected the nation. Through examination of specific historical eras, students gain knowledge about industrialization, immigration, depression, reform, war and the emergence of the United States as a global power. Contributions of cultural groups, the impact of leaders on American society, the influence of economic and geographic factors, and the expansion of the role of the federal government are analyzed. Also incorporates the study of the geography of the United States.

WORLD HISTORY/GEOGRAPHY 1 & 2 CCHS/ROCE
Designed as a two-semester high school course, in which World History is presented to students as an integrated study of the political, economical, and social aspects of history. Topics covered include pre-history, the Nile and the Fertile Crescent, the Indus Valley, China's ancient civilizations, early American civilizations, Greece and civilizations, East Asia, Renaissance and Reformation, the Global Age, Absolutism, Enlightenment and revolution, The Industrial Age, The Age of Revolutions, Industrial Nationalism, the New Imperialism, World War I and its aftermath, Fascism and Dictatorship, the holocaust and World War II, origins of the Cold War, and conflict and cooperation in the modern world.

WORLD LANGUAGE

SPANISH 1 A ROCE
Spanish 1A is an introductory course intended for students with little or no knowledge of the language. Its aim is to present vocabulary and grammar in order to develop the pronunciation, listening, reading, and writing skills necessary for basic communication and comprehension.

Customs and cultural insights are also presented. There are currently online and in-person versions of this course.

SPANISH 1 B ROCE
Spanish 1B is a continuation of Spanish 1A. In this course, students will build upon the communication skills that they acquired in completing Spanish 1A. They will learn slightly more sophisticated structures so that upon completion of the class, they will be able to communicate in limited situations. Students will gain additional insights into the culture and customs of Spanish-speaking countries. There are currently online and in-person versions of this course.

French 1 A ROCE
French 1A is an introductory course intended for students with little or no knowledge of the language. Its aim is to present vocabulary and grammar in order to develop the pronunciation, listening, reading, and writing skills necessary for basic communication and comprehension. Customs and cultural insights are also presented. There is currently only an online versions of this course.

French 1 B ROCE
French 1B is a continuation of French 1A. In this course, students will build upon the communication skills that they acquired in completing French 1A. They will learn slightly more sophisticated structures so that upon completion of the class, they will be able to communicate in limited situations. Students will gain additional insights into the culture and customs of Spanish-speaking countries. There is currently only an online version of this course.

EDGENUITY ONLINE VIRTUAL LEARNING

CAREER SKILLS CCHS/ROCE
Intended to be an upper level high school one-semester course, Career Skills introduces students to a wide variety of career choices, by exploring the skills and steps required in obtaining optimum professional and financial success. Units include, assessing one's goals and attributes, exploring possible career opportunities and any accompanying skills necessary, preparing career documents (ex: cover letter, resume, applications, etc.), the job-search process, interviewing, work ethic, interpersonal relationships at work, professional communication, time management, and personal economic responsibilities.

CLASSIC NOVEL PACKAGE CCHS/ROCE
Includes thirteen classic novels and two author study courses. Novel titles include Red Badge of Courage, The Three Musketeers, Call of the Wild, Midsummer Night's Dream, Dr. Jekyll and Mr. Hyde, 1984, Gulliver's Travels, Jane Eyre, Robinson Crusoe, House of the Seven Gables, Portrait of the Artist as a Young Man, Mrs. Dalloway, and Heart of Darkness. The two author study courses are Jorge Luis Borges and Flannery O'Connor. All reading material is included in an online format for the student. Novel courses include lectures, web activities journals, homework/practice, quizzes, and a test.

COMPUTER APPLICATIONS CCHS/ROCE
Intended as a one-semester course for any student, Computer Applications provides a broad overview of the basic computer applications used by society today. Students emerge with the essential knowledge to ensure continued academic and personal success. In this course, the primary computer applications covered include the basic components of the present-day computer, essential skills involved in word processing, desktop publishing, understanding and creating functional spreadsheets, databases, effective Internet and website creation.

LANGUAGE ARTS 9 1&2 CCHS/ROCE
Two-semester course that focuses on a variety of text: literary, expository, and informational. Each unit in the course contains different lessons: Skills, Literary/Expository, Informational, Communication, Grammar, and Writing lessons. This course covers literary skills such as Plot - flashback and foreshadowing, Setting – time and sequence, Characterization – dialogue, Theme – universal theme, Style – figurative language, and Narrator – different types. Units include topics: Literary Analysis-Poetry; Autobiographies, Essays and Personal Accounts; and World Literature, theme is origin myths. Students also learn classics such as Homer's The Odyssey and William Shakespeare's The Tragedy of Romeo and Juliet. Informational Text reading skills are taught using consumer, workplace, technical, and public documents. Writing Lessons cover The Writing Process and also include a Research Workshop. Essay topics in the course include Business Letter, Research Paper, Literary Analysis Essay, Persuasive Essay, and Personal Narrative Essay.

LANGUAGE ARTS 10 1&2 CCHS/ROCE
Two-semester course that focuses on preparing students for success on state exit exams. Each unit contains:
Skills Lessons, prepares students to learn skills necessary for standardized testing; Informational Lessons, introduces students to real-life topics that connect to the literary text; Communication Lessons, topics include Debate, Analysis of Formal Speech, Visual Media Analysis, and Mass Media and Public Opinion; Grammar Lessons, topics include Subject-Verb Agreement, Modifiers, Active and Passive Voice, Main and Subordinate Clauses, and Sentence Structure; and Writing Lessons, essays are taught using the Writing Process, topics include Autobiographical narrative Essay, Persuasive Essay, Descriptive Essay, Expository Essay, and Letter to the Editor. Unit topics include: Literary Analysis of Poetry; Evaluate and Clarify Expository Text; World Literature – theme Social Responsibility; Legends, Epics, and Myths – Antigone, The Sword and The Stone; Drama – Shakespeare's The Tragedy of Julius Caesar; and Reading Comprehension – Information text.

LANGUAGE ARTS 11 1&2 CCHS/ROCE
This two-semester course's main emphasis is American Literature. The course is structured chronologically by time period and literary era. Each unit contains introductory lessons that set the stage for the student to understand the background and historical events that impacted American literary and expository text. Topics include: Origins 2000BC–1620; Slave Narratives;

Puritan Style and Sermon; Romanticism and Transcendentalism; Realism; The Harlem Renaissance; Modernism; and Contemporary Literature. Authors represented include, Benjamin Franklin, Patrick Henry, Frederick Douglass, Chief Joseph, Edgar Allan Poe, Emily Dickinson, Walt Whitman, Henry David Thoreau, Nathanial Hawthorne, Kate Chopin, Will Cather, F. Scott Fitzgerald, Langston Hughes, Zora Neale Thurston, Martin Luther King Jr., Amy Tan, and Judith Ortiz Cofer. The course also contains a World Literature unit with stories from The Middle East, India, Japan, and Argentina. The course is rounded out by including Information, Communication, Grammar, and Writing Lessons throughout each unit.

LANGUAGE ARTS 12 1&2 CCHS/ROCE
Two-semester British Literature based course. The course is organized by chronological time period that includes: Anglo-Saxon and Old English Period: 449-1066; The Medieval Period: 1066-1485; The Renaissance 1485-1660; 17th & 18th Centuries (Restoration & Enlightenment): 1660-1798; Romantic Period 1798-1832; Victorian Period: 1832-1901; and Modern Period: 1901-1950. Each unit contains an introduction to the time period using a timeline and background lecture that discusses the philosophical, political, religious, ethical, and social influences of each time period. Authors represented include Homer, Chaucer, Boccaccio, William Shakespeare, Francesco Petrarch, Mary Wollstonecraft, Queen Elizabeth I, Percy Bysshe Shelley, Elizabeth Barret Browning, Robert Browning, and Virginia Woolf. The course contains a World Literature unit with stories from India, Europe, China, and Spain. The course also includes Informational Lessons, Communication Lessons, Grammar lessons, and Writing Lessons.

VERBAL SKILLS FOR ARMED SERVICES CCHS
Students who graduate from CCHS and do not pursue a college degree will often consider a career in the armed forces. This class will prepare them to excel in the verbal portion of the ASVAB and succeed in the verbal and reading related tasks they will need to serve their country. This class could also help prepare students for many government service jobs and private sector jobs that test their prospective employees for reading skills.

PSYCHOLOGY 1 & 2 CCHS/ROCE
Designed as a two-semester course for high school students, the curriculum introduces the primary facets of psychology. The components of psychology discussed include a basic introduction to the history and research of psychology, an understanding of the biological aspects of psychology, learning and cognitive development, the stages of human development, aspects of personality and individuality, the development and management of psychological disorders, and the interactions of society as it relates to psychology.

SOCIOLOGY CCHS/ROCE
Designed as a one-semester course for high school students, the curriculum outlines the fundamental concepts of sociology. The elements of sociology examined include cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification,

racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior both historically and in modern times.

U.S. HISTORY 1 & 2 CCHS/ROCE
Designed as a two-semester high school course, students will examine the political, social, and economic aspects of American history from early colonization to present-day. Topics covered include European colonization, early settlements, the colonies and colonial society, English mercantilism, Native American conflict, the founding fathers, the Declaration of Independence, the Constitution, starting a nation, the Bill of Rights, Westward expansion, the War of 1812, the industrial revolution, early elections, states' rights, population and sectionalism, women's rights, slavery, the Civil War, Reconstruction, the Far West, Manifest Destiny, Native Americans, American Industry, elections, foreign acquisitions, industrialization, labor, immigration, the progressive movement, American Expansionism, Populism, World War I, women's suffrage, the Great Depression, U.S. Occupations and World War II, the Red Scare, the Korean War, civil rights, the Vietnam War, America's role as a modern world leader after WWII, the Clinton years, the 9/11 attacks, the Bush Presidency, and America in the 21st century.

WORLD HISTORY 1 & 2 CCHS/ROCE
Designed as a two-semester high school course, in which World History is presented to students as an integrated study of the political, economical, and social aspects of history. Topics covered include pre-history, the Nile and the Fertile Crescent, the Indus Valley, China's ancient civilizations, early American civilizations, Greece and civilizations, East Asia, Renaissance and Reformation, the Global Age, Absolutism, Enlightenment and revolution, The Industrial Age, The Age of Revolutions, Industrial Nationalism, the New Imperialism, World War I and its aftermath, Fascism and Dictatorship, the holocaust and World War II, origins of the Cold War, and conflict and cooperation in the modern world.

GOVERNMENT CCHS/ROCE
Designed as a one-semester high school course, students will examine all facets of American government from its formation to its present-day role as a global power. Topics discussed include: The foundations of American government, participating in government, the legislative branch, the executive branch, the judicial branch, civil liberties and law, state and local government, and global, political, and economic systems.

ALGEBRA I PART 1 & 2 CCHS/ROCE
Two-semester course that solidifies topics such as real numbers and probability, provides an in-depth coverage of writing, solving and graphing equations and inequalities, functions and their graphs, graphing linear, exponential and quadratic equations, solving systems of equations and inequalities, quadratic equations and functions, radical and rational expressions and equations, and graphing translations, including rotations, dilations, and reflections.

ALGEBRA II PART 1,2,3 & 4 (Ext Adv) CCHS/ROCE

Four-semester course serving as a perfect extension of Algebra I. This course covers advanced algebraic concepts such as trigonometry, statistical analysis, and permutations and sequences and series. Students learn to manipulate and use matrices in various formats to determine data relationships. Functions are given center stage in this course, delving into function types such as polynomial, logarithmic, quadratic, exponential and rational and periodic. Upon completion of this course, students will have the necessary and vital skills needed to experience success in state standardized tests and national exit exams.

GEOMETRY A & B CCHS/ROCE
Two-semester hands-on and lecture-based course that features an introduction to geometry, including reasoning and proof and basic constructions. Students are taught how to organize and meld geometrical and algebraic concepts through writing, analyzing and using proofs. An in-depth coverage of triangle relationships (similarity and congruency) and quadrilaterals enables a student to further hone such concepts as surface area and volume, circles and transformations. Trigonometry is given due credit with topics including tangent ratios and the Laws of Sine and Cosine. Students are introduced to specific geometry topics, such as Golden Connections, Taxicab Geometry, Fractals and Topology.

ADV ALG 2 PART 1 & 2 CCHS/ROCE
Two-semester course serving as a perfect extension of Algebra I. This course covers advanced algebraic concepts such as trigonometry, statistical analysis, and permutations and sequences and series. Students learn to manipulate and use matrices in various formats to determine data relationships. Functions are given center stage in this course, delving into function types such as polynomial, logarithmic, quadratic, exponential and rational and periodic. Upon completion of Algebra II, students will have the necessary and vital skills needed to experience success in state standardized tests and national exit exams.

MATH FOR ARMED SERVICES CCHS
Students who graduate from CCHS and do not pursue a college degree will often consider a career in the armed forces. This class will prepare them to excel in the math portion of the ASVAB and succeed in the math related tasks they will need to serve their country. This class could also help prepare students for many government service jobs and private sector jobs that test their prospective employees. This class can count towards .5 Algebra 2 credit.

BIOLOGY 1 & 2 CCHS/ROCE
This two-semester high school course covers an in-depth view of biological science concepts. A brief section of biochemistry leads into an overview of ecology and the interactions of the environment and populations of living organisms. A comprehensive section on cellular biology and genetics exposes students to biology on a small scale that leads to the theory of evolution and the history of life on earth. The remainder of the course explores the complexity and variety of life on earth with sections devoted to simple organisms, plants, invertebrates and vertebrates as well as human biology.

CHEMISTRY 1 & 2 CCHS/ROCE
Designed as a two-semester high school course, Chemistry covers the foundation for the composition, structure and reactions of matter. Beginning with a discussion of scientific measurements, and general properties of matter, a good deal of the course covers the structures of the atoms, the periodic table, types of bonds and equations. Other topics involve students in states of matter, reactions and the energy involved in chemical change. Sections on organic chemistry are also included as well as a brief overview of nuclear chemistry. This course requires students to have a solid foundation in math as calculations and conversions are basic components of chemistry.

LIFE SCIENCE AND EARTH AND PHYSICAL SCIENCE FOR ARMED SERVICES CCHS
Students who graduate from CCHS and do not pursue a college degree will often consider a career in the armed forces. This class will prepare them to excel in the science portion of the ASVAB and succeed in the science tasks they will need to serve their country. This class could also help prepare students for many government service jobs and private sector jobs that test their prospective employees.

PHYSICAL SCIENCE 1 & 2 CCHS/ROCE
Students receive a thorough introduction to chemistry, physics and astronomy in this two-semester course. Chemistry concepts include the structure and properties of matter, elements and the periodic table, chemical bonds and reactions, as well as acids, bases and solutions. An overview of motion, forces and energy is the focus of the physics section of the course. Newton's laws, work and machines and energy are the major ideas explored. An introduction to the earth and its place in the universe complete the contents of this course.

PHYSICS 1 & 2 CCHS/ROCE
As an upper division two-semester high school course, Physics 1 & 2 provides the foundation for an understanding of the laws that govern the concepts of motion and energy. This course relies on the use of mathematics to represent and illustrate different phenomena, so students need to have a strong math background to be successful. Major themes on this course include mechanics, states of matter, waves and light, energy and magnetism and modern physics. **M**

DIGITAL ARTS 1 and 2 CCHS/ROCE
Digital Arts focuses on building a solid foundation of the elements of art and design: line, shape, form, color, value, space, and texture. Topics include learning processes for evaluating artworks and identifying selected artists' works, styles, and historical periods. Students learn 3D space in a 2D environment; filters, gradients, and highlights; and methods of working with color. By the end of this course, students will have created a unique portfolio of digital artwork, including repeating images to be used as a computer's desktop background, a logo with text, two images scaled proportionally to one another, and a poster image and layout. Students advance their skills using Inkscape, a free open-source alternative to Adobe® Illustrator®, and also learn new tools such as the Spiral, Bezier, and Paint Bucket Tools.

HEALTH SCIENCE CONCEPTS 1 and 2 CCHS/ROCE
This yearlong course introduces high school students to the fundamental concepts of anatomy and physiology—including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students investigate basic medical terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. This course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways.

INTRODUCTION TO BUSINESS 1 and 2 CCHS/ROCE
In this two-semester introductory course, students learn the principles of business using real-world examples—learning what it takes to plan and launch a product or service in today's fast- paced business environment. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

INTRODUCTION TO HEALTH SCIENCE 1 and 2 CCHS/ROCE
This high school course introduces students to a variety of healthcare careers, as they develop the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.

INTRODUCTION TO INFORMATION TECHNOLOGY 1 and 2 CCHS/ROCE
This course introduces students to the essential technical and professional skills required in the field of Information Technology (IT). Through hands-on projects and written assignments, students gain an understanding of the operation of computers, computer networks, Internet fundamentals, programming, and computer support. Students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the field of IT.

MEDICAL TERMINOLOGY 1 and 2 CCHS/ROCE
This course introduces students to the structure of medical terms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to health care settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course provide students entering the healthcare field with a deeper understanding of the application of the language of

health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, practice assignments, and unit-level assessments.

MICROSOFT® OFFICE® SPECIALIST- WORD/POWERPOINT/EXCEL/OUTLOOK AND ACCESS
This four-semester course introduces students to the features and functionality of Microsoft® Office® 2010 while preparing them for the beginning, intermediate, and advanced levels of the Microsoft User Specialist (MOS) certification program. Through video instruction, interactive skills demonstrations, practice assignments, and unit-level assessments, students become proficient in Microsoft Word®, Excel®, PowerPoint®, Outlook®, and Access®. By the end of the course, students are prepared to demonstrate their skills by obtaining one or more MOS certifications. Each section may be taken independently from the rest as a stand-alone course.

NURSING ASSISTANT 1 and 2 CCHS/ROCE
This two-semester course prepares students to provide and assist with all aspects of activities of daily living and medical care for the adult patient in hospital, long-term care, and home settings. Through direct instruction, interactive skills demonstrations, and practice assignments, students are taught the basics of nurse assisting, including interpersonal skills, medical terminology and procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skills, and employability skills. Successful completion of this course from an approved program prepares the student for state certification for employment as a Certified Nursing Assistant (CNA).

PHARMACY TECHNICIAN 1 and 2 CCHS/ROCE
This two-semester course prepares students for employment as a Certified Pharmacy Technician (CPhT) and covers the skills needed for the pharmacy technician field. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn the basics of pharmacy assisting, including various pharmacy calculations and measurements, pharmacy law, pharmacology, medical terminology and abbreviations, medicinal drugs, sterile techniques, USP 795 and 797 standards, maintenance of inventory, patient record systems, data processing automation in the pharmacy, and employability skills. Successful completion of this course prepares the student for national certification for employment as a CPhT.

ENGLISH AS A SECOND LANGUAGE (ESL)

ESL BEGINNER ROCE
This course is designed for foreign born adults who are beginning to learn the English language. Teachers will teach/help/guide the foreign born student to get along in American society by teaching them basic English speaking/conversation, writing, listening and vocabulary skills. There will be a great deal of focus on basic American living skills. The student will also work with the online Burlington English computer program with an “in class” and an “at home” component.

ESL INTERMEDIATE ROCE
This course is for foreign born adults who are still learning the English language. This class provides intermediate English vocabulary, grammar, pronunciation, speaking, listening and culture through various media including the Burlington Computer Program.

ESL ADVANCED ROCE
This course is for foreign born adults who are still learning the English language. This class provides advanced English vocabulary, grammar, pronunciation, speaking, listening and culture through various media including access to the Burlington English Program.

ESL BEGINNING/INTERMEDIATE CONVERSATION ROCE
This course is designed for those students who want to concentrate on conversational skills in a more in depth study. Students will be guided in conversation in large and small group settings. Activities and games make this class enjoyable.

ESL INTERMEDIATE/ADVANCED CONVERSATION ROCE
This course is designed for those students who want to concentrate on conversational skills in a more in depth study. Students will be guided in conversation in large and small group settings. Activities and games make this class enjoyable.

GED PREPARATION

GED PREP ENGLISH/LANGUAGE ARTS ROCE
GED Prep English is a fifteen-week course designed to prepare students of all learning levels for the Reasoning Through Language Arts portion of the GED test. The class focuses on building and developing reading and writing skills including sentence structure and grammatical conventions, comprehending and analyzing various forms of literature, and process writing to produce an Extended Response essay. Teacher-led and online instruction is offered.

GED PREP MATH ROCE
GED Prep Math is a course to prepare students for the math section of the GED Test. The class focuses on numbers and operations, fractions, decimals, percents, use of a calculator, simple probability, basic algebra and geometry. Emphasis is on solving practical word problems.

FINE ARTS

ART FOUNDATIONS ROCE
This art course is designed to provide a well-rounded background including art & design concepts, materials and techniques. This class provides opportunities for students to actively discover art as a medium for human expression, appreciation and enjoyment.

CREATIVE DESIGN ROCE
This course helps with understanding and applying media, techniques, and processes. Students will gain knowledge of structures and functions as well as choosing and evaluating a range of subject matter, symbols and ideas. Students will reflect upon and assess the characteristics and merits of their work and the work of others and will make connections between visual arts and other disciplines.

PHYSICAL EDUCATION/LIFE SKILLS

HEALTH CCHS/ROCE
The health requirement is an academic class that will provide instruction in all of Health. The use of lecture, group work and projects as well as a variety of teaching methods will be utilized to deliver instruction. Topics to be covered while in class: human sexuality, nutrition, emotional health, physical fitness, drug use and abuse, decision making, etc., as appropriate. The Michigan Model Health Curriculum along with an abstinence based curriculum in human sexuality will be the foundation.

NUTRITION AND FITNESS CCHS - Pending Board Approval

This course emphasizes proper nutrition, including nutritional needs and guidelines for healthy eating. Other nutrition topics will include diets, body image and eating disorders. Students will also get a look into their own personal fitness. Students will first learn the principles of exercise and fitness and then will have the knowledge to design their own personal fitness plan. They will learn how to evaluate their fitness, set healthy fitness goals, and eventually select exercise programs or sport activities that are right for them. This course will help individuals safely achieve their fitness and nutritional goals.

TEAM SPORTS CCHS
This course is offered to students who enjoy competition in team sports. Students will have the opportunity to practice and acquire skills, learn rules, safety and strategy in team sports. Areas of concentration may include: basketball, floor hockey, football, pickleball, softball, soccer, speedball, team handball, and volleyball.

TRANSITIONS CCHS/ROCE
This course is designed to assist students in making the transition from student to employee. Coursework includes career research and planning, interviewing, goal setting and teamwork skills. Students will develop a portfolio including a resume, correspondence for employment and self-assessments.

Seminar

SEMINAR/EDGENUITY HQ MENTORS CCHS

All day school students that are assigned an online class will also be assigned a highly qualified teacher mentor in that subject area. Mentor teachers will be checking in with students daily (in-person attendees) during a scheduled seminar with teachers. Mentor teachers will conduct Two way interactions for any students that do not attend in-person learning. This is a support mechanism for students and no credit is earned.